



South Carolina

Weekly Weather and Crop Progress Report

Cooperating with Clemson University
1835 Assembly St., Suite 1008 · Columbia, SC 29201
(800) 424-9406 · FAX (803) 765-5310 · www.nass.usda.gov/sc

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Cooperating Agencies:
Clemson University
SC State Climatology Office
Farm Service Agency



GENERAL

Wet, windy conditions were present throughout the State during the week ending October 16th, 2011. The Lowcountry observed more than an inch of rain in some areas by Tuesday, helping to improve soil moisture levels. On Wednesday, most of the State benefitted from rainfall and cooler temperatures that lasted through Thursday evening. Rain stalled peanut and cotton harvests but improved pasture and livestock conditions. Friday brought clear skies and warmer temperatures that would continue throughout the weekend. Highs reached the mid-eighties over the weekend. The State average temperature for the period was two degrees above normal. Soil moisture conditions improved to 10% very short, 36% short and 54% adequate. The State average rainfall for the period was 0.8 inches with 5.6 days suitable for fieldwork.

FIELD CROPS

All **SOYBEANS** had set pods by the end of the week with 65% of leaves colored. Twenty-two percent of plants had dropped leaves. Maturation was 15% complete with 6% of the crop harvested, on pace with the five year average. Conditions improved to 7% very poor, 20% poor, 40% fair and 33% good. Ninety percent of **TOBACCO** stalks had been destroyed, eight points behind last year and the five year average. **CORN** harvest was completed for the season. Ninety-three percent of **COTTON** bolls had opened by the end of the week. Thirty-three percent of the crop had been harvested, five points ahead of the five year average. Conditions improved to 3% very poor, 13% poor, 40% fair, 43% good and 1% excellent. **PEANUT** harvest continued to lag with 45% completed by the end of the week, falling to 13 points behind the five year average. Conditions were 2% very poor, 12% poor, 39% fair, 46% good and 1% excellent. **WINTER WHEAT** was 23% planted with 5% emerged by the weekend. **WINTER GRAZING** plantings were 47% completed with 22% emerged. **OAT** planting was 13% underway with 3% emerged, slightly behind the five year average.

OTHER ITEMS OF INTEREST

LIVESTOCK conditions improved to 1% very poor, 7% poor, 39% fair and 53% good. **PASTURE** conditions also improved to 10% very poor, 27% poor, 40% fair and 23% good.

Crop Progress for Week Ending October 16, 2011

Crop and Stage	2011	2010	5-Yr Avg	Crop and Stage	2011	2010	5-Yr Avg
	Percent	Percent	Percent		Percent	Percent	Percent
Corn, Harvested	100	100	100	Soybeans, Leaves Dropped	22	40	36
Cotton, Bolls Opened	93	95	94	Soybeans, Mature	15	26	20
Cotton, Harvested	33	39	28	Soybeans, Harvested	6	11	6
Oats, Planted	13	18	16	Tobacco, Stalks Destroyed	90	98	98
Oats, Emerged	3	6	4	Winter Grazings, Planted	47	43	50
Peanuts, Harvested	45	77	58	Winter Grazings, Emerged	22	14	18
Soybeans, Pods Set	100	100	100	Winter Wheat, Planted	23	15	13
Soybeans, Turned Color	65	80	73	Winter Wheat, Emerged	5	4	4

Condition for Week Ending October 16, 2011

Crop	Very Poor	Poor	Fair	Good	Excellent	Crop	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent
Cotton	3	13	40	43	1	Peanuts	2	12	39	46	1
Livestock	1	7	39	53	0	Soybeans	7	20	40	33	0
Pasture	10	27	40	23	0						

South Carolina Weekly Weather Summary for the Week Ending October 16, 2011

Light to moderate rains were observed at sunrise on Monday morning. At 8:00 a.m., Charleston City reported gale force winds from the northeast at 46 mph. Springmaid Pier’s Tuesday 3:54 a.m. observation indicated northeast winds of 32 mph, gusting to 37 mph. Ft. Moultrie measured a 24-hour rainfall from Monday into Tuesday morning of 1.25 inches. Both the Georgetown AP and nearby N Inlet measured 1.23 inches of rain. Light rain and blowing drizzle held the high temperature at Darlington and Orangeburg to just 66 degrees. Localized heavy rains fell before daylight on Wednesday. Winnsboro received 1.36 inches and Clinton received 1.28 inches. Keowee Dam’s 0.96 inches helped stream-flow and reservoir recharge in parts of western South Carolina’s mountains. A frontal boundary raced through the State on Thursday. National Weather Service instruments on Lake Murray recorded 46 mph winds at 7:10 p.m. Late-exiting rains left Dillon with 0.81 inches. Sunny blue skies arrived Friday and lasted through the weekend. Cool, seasonal mornings were followed by warm afternoons on Saturday and Sunday. Barnwell, Beaufort and Andrews warmed up to 84 degrees on Saturday afternoon. Laurens, Pinopolis, Columbia and Clarks Hill reached 84 degrees on Sunday. The State average temperature for the seven-day period was two degrees above normal.

The highest official temperature reported was 85 degrees at Givhans on October 15 and at Walhalla, Clemson, Anderson, Calhoun Falls, Clinton and Greenwood on October 16. The lowest official temperature reported was 39 degrees at Hunts Bridge on October 16. The heaviest official 24-hour rainfall reported was 2.87 inches at Blackville ending at 7:00 a.m. on October 12. The State average rainfall for the period was 0.8 inches.

SOIL: 4-inch depth soil temperature: Columbia 71 degrees, Charleston 72 degrees.
RIVERS AND SURF: South Carolina river stages were near to below normal. Ocean water temperatures at Springmaid Pier Myrtle Beach were reported at 72 degrees.

Precipitation

Location	Total for Week	Total for 2011	Deviation from Average
Greer AP	0.89	36.50	-1.3
Anderson AP	0.47	27.91	-7.1
Columbia Metro AP	0.37	32.19	-5.0
Orangeburg AP	0.94	33.18	-6.0
Charlotte, NC AP	1.03	35.76	2.1
Augusta, GA Bush AP	0.25	25.30	-10.2
Florence AP	0.52	24.98	-10.9
N Myrtle Beach AP	1.01	28.37	-15.5
Charleston AP	0.91	34.00	-10.0
Savannah, GA AP	1.48	32.22	-9.0

Weekly rainfall totals this period ending midnight Sunday.



USDA-NASS
SOUTH CAROLINA FIELD OFFICE
1835 Assembly St. Suite 1008
Columbia, SC 29201-2449
Official Business

Address Service Requested